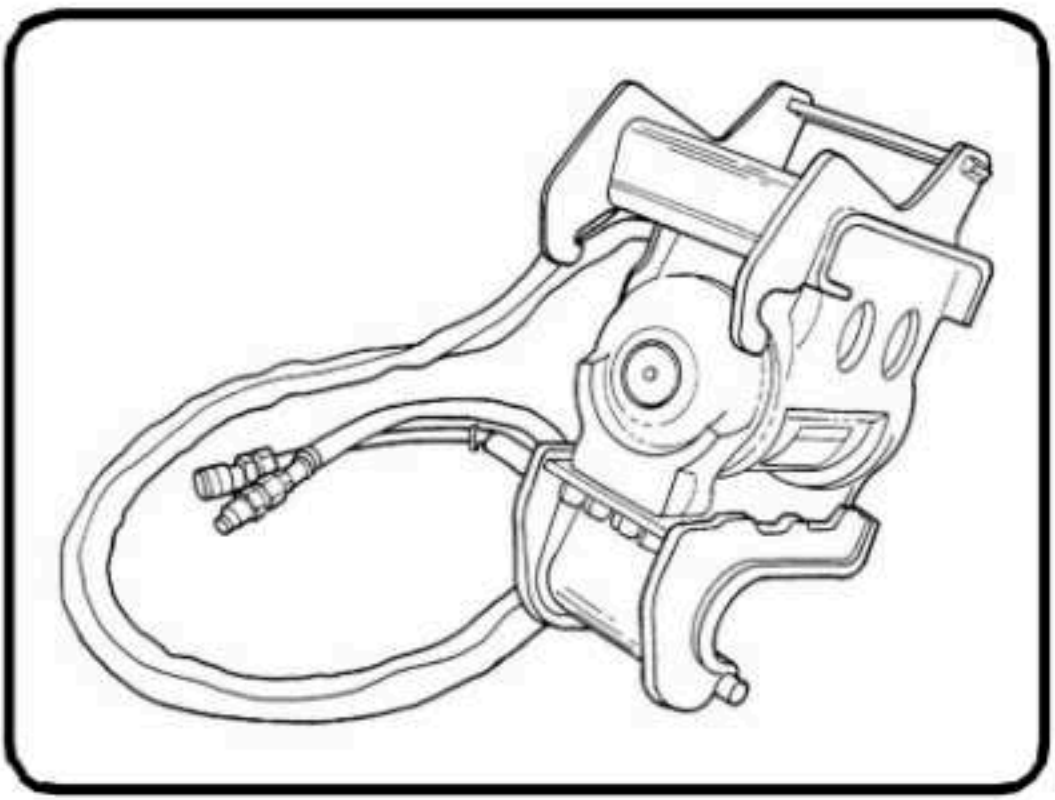
Bobcat®

Operation & Maintenance Manual
Power Tilt

(PTX3) S/N 223600101 & Above
(PTX4) S/N 223400101 & Above



6900779 (4-10) Revised (6-11) (4)

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REFERENCE INFORMATION

Write the correct information for YOUR Bobcat power tilt in the spaces below. Always use these numbers when referring to your Bobcat power tilt.

Power Tilt Serial Number _____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat power tilt. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT POWER TILT. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat power tilt.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

FEATURES AND ACCESSORIES 9
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OPERATING PROCEDURE WITH EXCAVATORS (CONT'D)

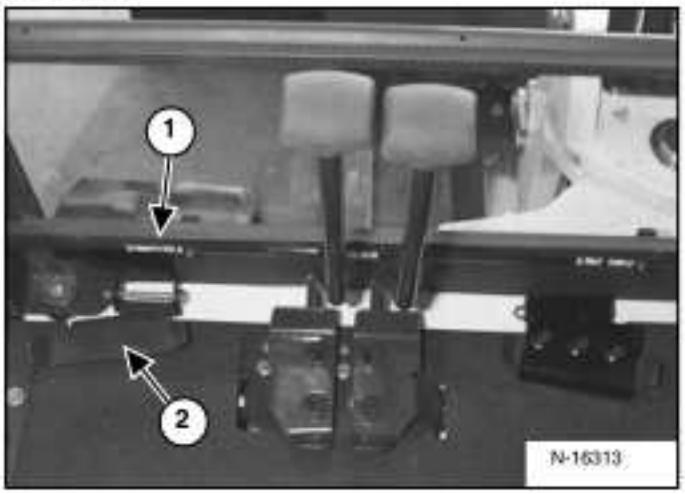
Control Functions

Engage the auxiliary hydraulics. (See the excavator's Operation & Maintenance Manual for correct procedure.)

NOTE: Auxiliary hydraulic must be activated prior to attachment operation.

325, 328, 331, 334 Auxiliary Hydraulics (Earlier Models)

Figure 50



Raise the pedal lock / foot rest (Item 1) **[Figure 50]**.

The pedal (Item 2) **[Figure 50]** is used to activate the auxiliary hydraulic function.

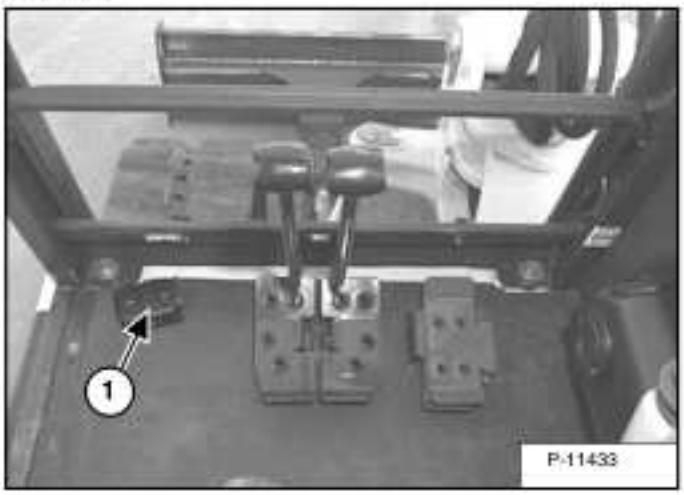
Press the pedal (Item 2) **[Figure 50]** to the right to rotate the power tilt to the right.

Press the pedal (Item 2) **[Figure 50]** to the left to rotate the power tilt to the left.

Removing pressure from the pedal stops the auxiliary flow.

337, 341 Auxiliary Hydraulics (Earlier Models)

Figure 51



The pedal (Item 1) **[Figure 51]** is used to activate the auxiliary hydraulic function.

Press the pedal (Item 1) **[Figure 51]** to the right to rotate the power tilt to the right.

Press the pedal (Item 1) **[Figure 51]** to the left to rotate the power tilt to the left.

Removing pressure from the pedal stops the auxiliary flow.

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LUBRICATING THE ATTACHMENT

Lubrication Locations

Always use a good quality lithium base multi purpose grease when lubricating the attachment.

Grease the power tilt at regular intervals. (See SERVICE SCHEDULE on Page 60.)

NOTE: If the power tilt is not greased at recommended intervals, premature wear will occur.

Figure 88

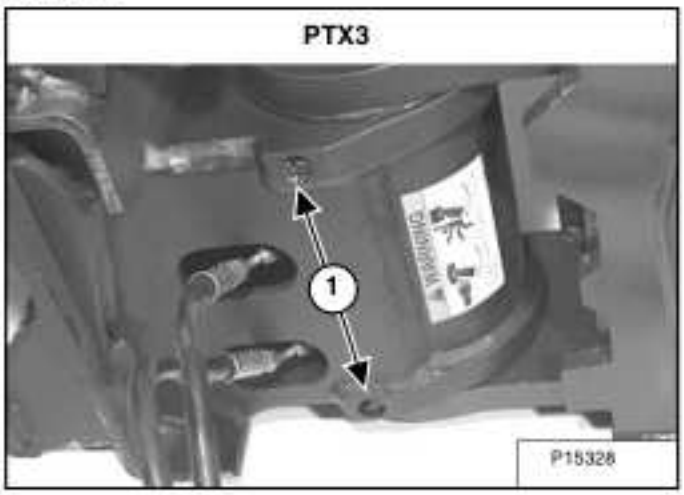
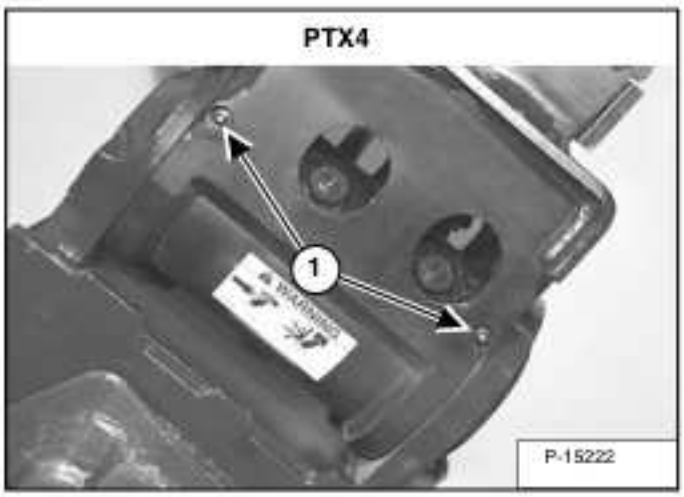


Figure 89



Lubricate the bearings (Item 1) **[Figure 88]** and **[Figure 89]**.

Figure 90

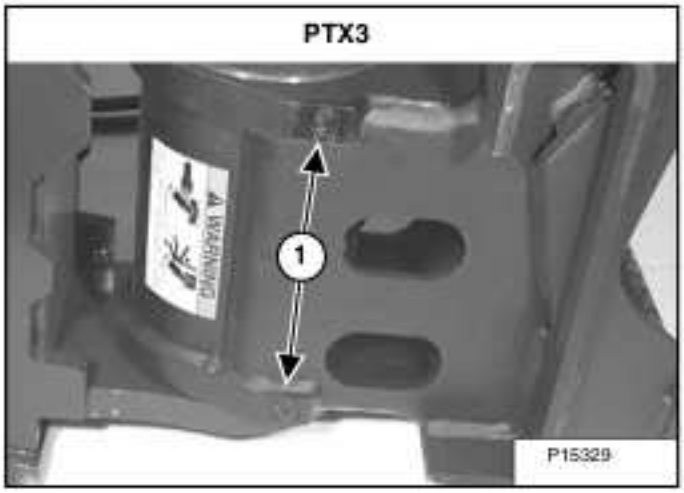
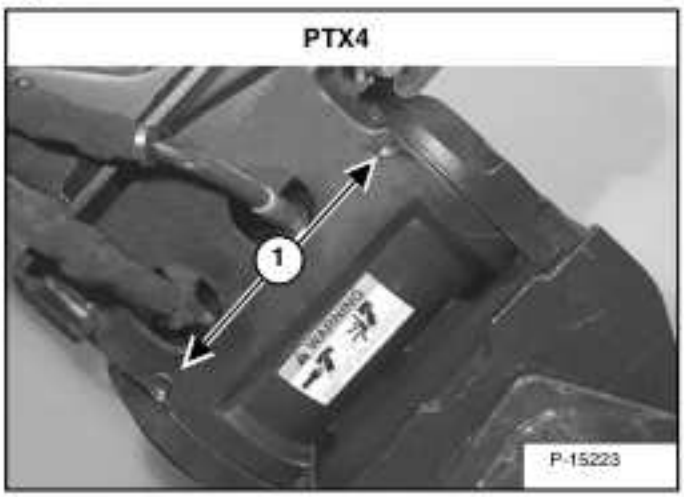


Figure 91



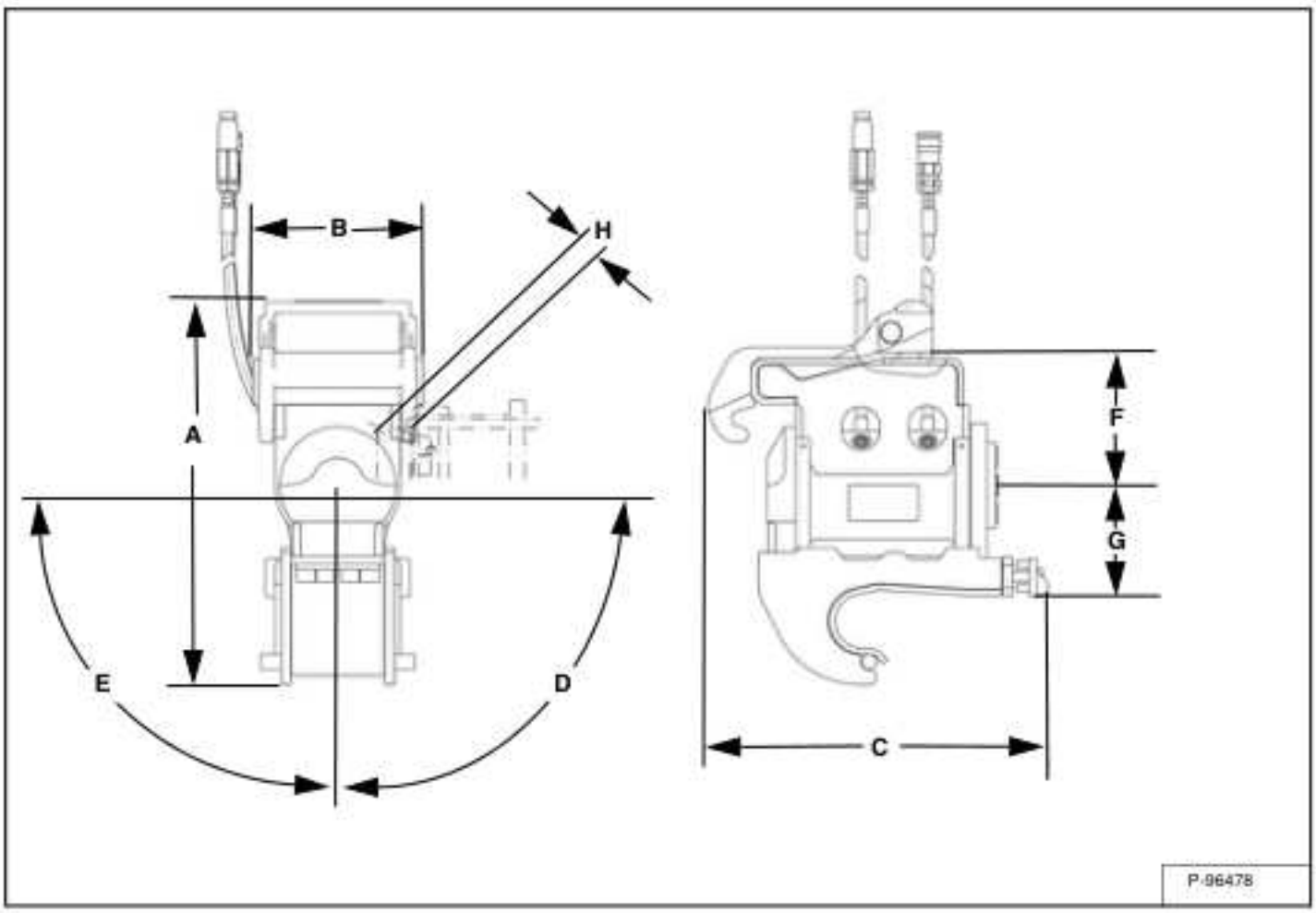
Apply the grease until clean grease flows from the grease relief valves (Item 1) **[Figure 90]** and **[Figure 91]**.

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PTX4 SPECIFICATIONS

Dimensions

- All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	PTX4
Length (A)	631 mm (24.85 in)
Width (B)	281 mm (11.06 in)
Height (C)	560 mm (22.04 in)
Rotation (D)	90°
Rotation (E)	90°
Dimension (F)	219 mm (8.61 in)
Dimension (G)	182 mm (7.16 in)
Dimension (Clearance) (H)	38 mm (1.5 in)

Performance

DESCRIPTION	PTX4
Weight	129,3 kg (285 lb)

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SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0502

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

I-2019-0284

DANGER

The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1002-1107

WARNING

The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2044-1107

The Bobcat machine and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8 - 10 hour column or as shown in the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the attachment.

A Qualified Operator Must Do The Following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook, Safety Manual and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *Call Before You Dig* section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat safety equipment for your machine.

SI ATT-0511

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